

Publication/Software List for Robert Konik

- [1] A. J. A. James, R. M. Konik, P. Lecheminant, N. J. Robinson, and A. M. Tsvelik, “Non-perturbative methodologies for low-dimensional strongly-correlated systems: From non-abelian bosonization to truncated spectrum methods,” ArXiv e-prints (2017), [arXiv:1703.08421 \[cond-mat.str-el\]](https://arxiv.org/abs/1703.08421).
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- [3] N. J. Robinson and R. M. Konik, “Excitations in the Yang-Gaudin Bose gas,” ArXiv e-prints (2017), [arXiv:1702.08796 \[cond-mat.quant-gas\]](https://arxiv.org/abs/1702.08796).
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- [7] Andrew James and Robert Konik, “ChainAMPS: MPS algorithms for systems of coupled chains,” <https://bitbucket.org/chainamps/chainamps-public> (2016).
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- [10] Neil J. Robinson, Jean-Sébastien Caux, and Robert M. Konik, “Motion of a distinguishable

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- [11] Ye-Hua Liu, Robert M. Konik, T. M. Rice, and Fu-Chun Zhang, “Giant phonon anomaly associated with superconducting fluctuations in the pseudogap phase of cuprates,” *Nature Communications* **7**, 10378 (2016).
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